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BY APPLICANT  
(Use several sheets if necessary)Applicant  
Ryutaro YAMANAKA et alFiling Date  
December 31, 2003Group  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
lll	6 1 9 5 7 8 2	02/27/01	RAHMATULLAH et al			
lll	6 2 5 7 7 5 6	07/10/01	ZARUBINSKY et al			
lll	6 4 7 7 6 6 1	11/03/03	YAMANAKA			
lll	5 6 3 3 8 9 7	05/27/97	FETTWEIS et al			
lll	5 9 2 3 7 1 3	07/1999	HATAKEYAMA			
lll	5 3 2 7 4 4 0	07/1999	FREDRICKSON et al			
lll	5 9 1 2 9 0 8	06/1999	CESARI et al			
lll	5 9 8 7 4 9 0	11/1993	ALIDINA et al			
lll	5 2 2 0 5 7 0	06/1993	LOU et al			
lll	5 4 1 4 7 3 8	05/1995	BIENZ			
lll	5 7 1 0 7 8 4	01/1998	KINDRED et al			
lll	5 0 2 7 3 7 4	01/1991	ROSSMAN			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
0 9 - 1 4 8 9 4 3	06/06/97	JAPAN			X
6 3 - 2 1 5 2 2 7	09/07/88	JAPAN			X
6 - 1 6 4 4 2	06/10/94	JAPAN			
8 - 8 4 0 8 2	09/14/94	JAPAN			
9 - 1 4 8 9 4 3	11/17/95	JAPAN			
1 0 - 1 0 7 6 5 1	04/24/98	JAPAN			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract JP 09-148943.
2	English Language Abstract JP 63-215227.
3	UEDA et al., "A 16-bit Digital Signal Processor with Specially Arranged Multiply-Accumulator for Low Power Consumption", IEICE Trans. Electron., Vol. E78-C, No. 12, December 1995.

EXAMINER

DATE CONSIDERED

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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MR  
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